

# Daisy Allen, LEED AP®

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## **EDUCATION**

**University of California, Los Angeles**, Masters in Urban and Regional Planning Expected Spring 2012, GPA: 3.91  
**Oberlin College**, BA/2006/Environmental Studies and Economics, GPA: 3.59

**Ecosa Institute**, Spring 2005/Sustainable Design

**Relevant Coursework:** Physical Planning, Graphics and Urban Information, Land Use Law, Fundamentals of Building Performance, Sustainable Design, Design Methods, Urban Design, Environmental Economics, Natural Resource Economics, Water Resource Economics, Econometrics, Urban Data Systems, Applied Microeconomics for Urban Planning, American Environmental History, American Architecture, History of the Built Environment in the US, The Urban Dilemma, Low Income Housing and Social Justice, Community Economic Development.

**Accreditations:** LEED® AP, LEED® AP+ Homes, Certified Green Building Professional, HERS Rater, GreenPoint Rater

**Computer Programs:** AutoCAD, Adobe Creative Suite, Microsoft Office, SPSS, SAS

## **PROFESSIONAL AND RESEARCH EXPERIENCE**

### **Consultant, KEMA Services Inc. (Fall 2006 – Present)**

#### ***Green Building Specialist***

- Has provided GreenPoint Rated, LEED-H, and/or LEED-H Mid-Rise design and documentation assistance for over fifteen multifamily affordable and market rate housing projects in the San Francisco Bay Area
- Presents to clients at project design kick-off meetings, reviews plans and specifications, conducts field inspections during construction, and coordinates with team design and construction team members to achieve green building certification. Writes proposals for new consulting work in this area
- Assists in the development and update of green building rating systems
  - Participated in the LEED-H Mid-Rise Working Group, was invited to write questions for the LEED-H Rater exam
  - Researches new measures for inclusion in the Single Family and Multifamily GreenPoint rating systems
  - Develops green building rating system tools for clients, including: the GreenPoint Rated Single Family, Multifamily, and Existing Home checklists, Bay Friendly Landscaping Residential and Civic checklists, GreenPoint Rated/LEED-H equivalency tools, GreenPoint Rated Climate Calculator, and Sustainable Communities community-scale planning tool

#### ***Energy Analyst***

- Evaluates energy savings impacts and market penetration from residential utility energy efficiency programs
  - Has evaluated programs including: the Single Family Rebate Program (CA); ENERGY STAR® New Homes program (Pacific Northwest); Novoclimat multifamily new construction and Econologis low-income weatherization programs (Quebec); WRAP low-income weatherization program (CT); and Focus on Energy Renewables Program (WI)
  - Conducts in-depth surveys with residents both by telephone and in the field
  - Installs and analyzes performance of light and temperature meters, using SAS and other techniques
  - Conducts diagnostic air infiltration testing in single and multifamily homes
  - Trains field technicians and manages data gathering efforts
  - Prepares client memorandums and reports
- Presented at ACI, BECC, A&WMA, and AESP conferences; organized and facilitated an AESP Brown Bag on Advanced Metering Infrastructure and Smart Grid

### **Honors Student, Oberlin College Environmental Studies Program (Summer 2005 - Spring 2006)**

- Analyzed the application of real-time, monitor-displayed energy feedback in the residential sector
  - Reviewed literature to date on high and low income consumer reactions to various types of energy feedback
  - Installed real-time energy monitors in Oberlin homes, assessed success of monitors based on data and interviews
  - Wrote paper detailing results; advised local, mixed-income developers on choice of energy feedback mechanism
  - Presented published version of honors thesis at 2006 ACEEE Summer Study on Energy Efficiency in Buildings

### **Research Intern, Oberlin College Environmental Studies Program (Summer 2004)**

- Investigated the cost of completing LEED certification for the Adam Joseph Lewis Center for Environmental Studies
  - Met regularly with Oberlin College facilities staff and members of the Environmental Studies Committee

- Independently contacted and met with local lighting and HVAC experts to obtain quotes for building changes
- Wrote 30-page summary of findings, detailing costs and potential benefits associated with each point needed for LEED-NC gold and platinum, suggested LEED-EB certification as alternative solution more in line with committee's goals

### **Research Intern, Environmental Defense (Winter Term 2004)**

- As part of the company's "Clean Car Campaign," researched and wrote comprehensive paper about trends in light truck weight class 2b, in order to aid company in clarifying their position on CAFÉ standards
- Worked independently in an office environment, with weekly guidance from a senior staff economist
- Informed a company report to NHTSA urging a re-definition of "light trucks" under the CAFÉ standards

## **COMMUNITY & LEADERSHIP EXPERIENCE**

### **Teacher, Youth Energy Project (Fall 2005 – Spring 2006)**

- Created four lesson plans to teach local high school students about renewable and non-renewable energy
- Team-taught new material to students with no prior environmental education
- Helped high school students create lesson plans to teach elementary school children about energy
- Trained and led local high school students in weatherizing low-income homes in Oberlin, Ohio

### **Designer, McCormick Street Arts District (Spring 2005)**

- Worked jointly with other students to re-design an Arts District in downtown Prescott, Arizona, in order to raise the potential economic value of the current use of the land over that of a proposed apartment complex
- Met consistently with district residents and artists, city planning officials, and property owner/developer
- Drafted short-run and long-run development designs, and explained designs in a public presentation

### **Tour guide, Adam Joseph Lewis Center for Environmental Studies (2003-2005)**

- Led tours of green building on Oberlin campus; spoke clearly and calmly in front of large groups of people
- Internalized knowledge about building philosophy and design, as well as mechanical systems and materials
- Learned to effectively answer questions from visitors with a wide variety of knowledge levels about green building

## **PROFESSIONAL PUBLICATIONS**

C. Webber, B. Close, D. Allen, 2009. Light and Heat: An Exterior Lighting Metering Study Using Both Light and Temperature Loggers. International Energy Program Evaluation Conference (IEPEC), July 2009.

W. Sullens, B. Seto, D. Allen, 2009. Quantifying Greenhouse Gas Reductions From Green Building: A Climate Calculator. Air and Waste Management Association Annual Conference (AWMA), June 2009.

J. Canseco, D. Allen, and K. Price, 2008. Methods for Evaluating Customer Purchasing Behavior of Compact Fluorescent Light Bulbs. American Evaluation Association Conference on Evaluation Policy and Evaluation Practice, November 2008.

C. Webber, K. Gaffney, D. Allen, 2007. Barriers to Expanding CFL Saturation Within CFL Purchaser Households – Results From Technical and Behavioral Onsite Surveys. International Energy Program Evaluation Conference (IEPEC), July 2007.

F. Coito, D. Allen, Why Industrial Customers Don't Implement Cost-Effective Energy Efficiency Opportunities: A Closer Look at California's Cement Industry. ECEEE Summer Study on Energy Efficiency in Buildings, June 2007.

D. Allen, C. Hungerford, W. Sullens, Green Buildings and Climate Change. Association of Energy Services Professionals (AESP) Annual Conference, January 2007.

D. Allen, C. Hungerford, The Debate Over Waterless Urinals. Association of Energy Services Professionals (AESP) Annual Conference, January 2007.

D. Allen, K. Janda, 2006. The Effects of Household Characteristics and Energy Use Consciousness on the Effectiveness of Real-Time Energy Use Feedback: A Pilot Study. ACEEE Summer Study on Energy Efficiency in Buildings, August 2006.